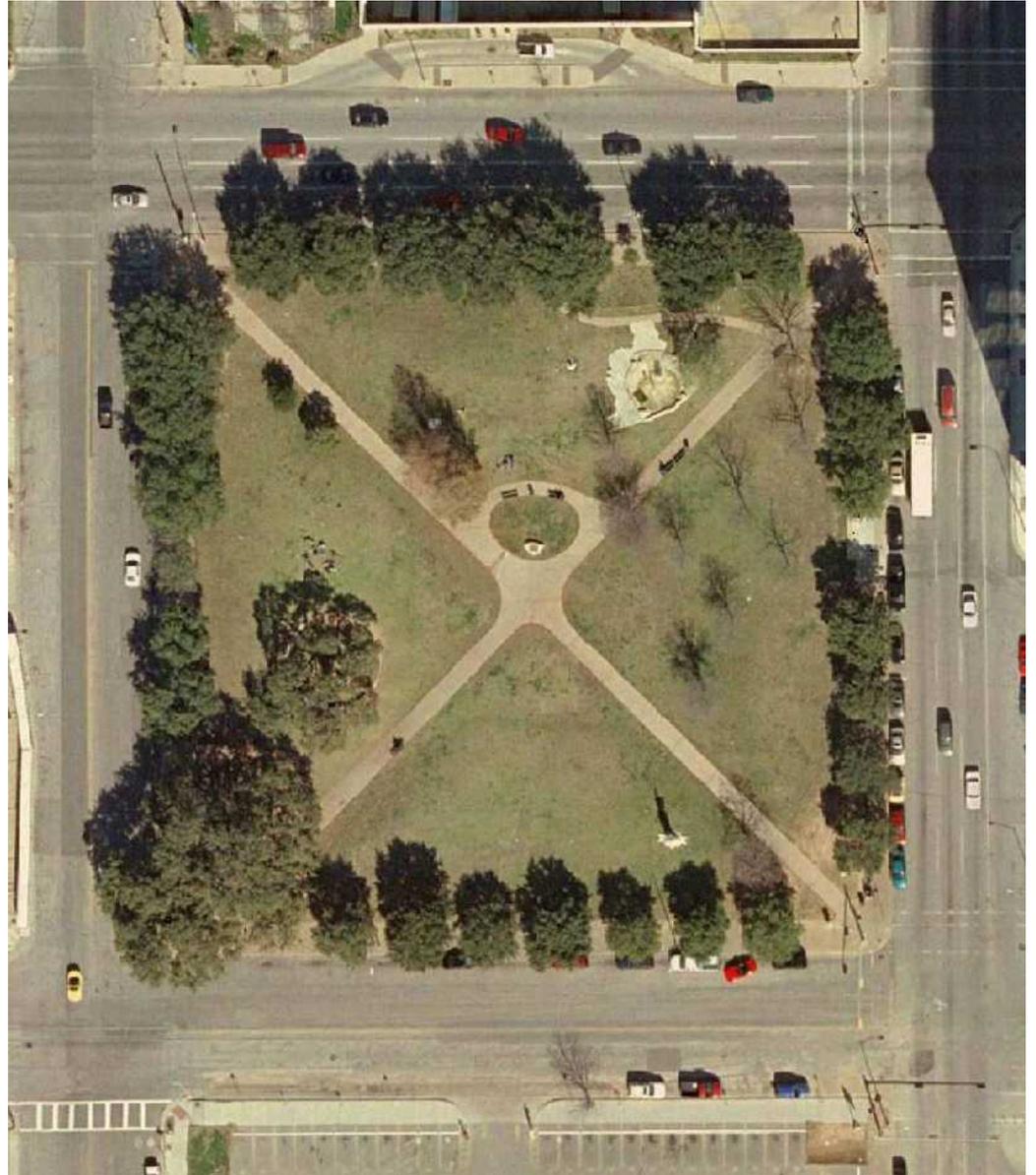


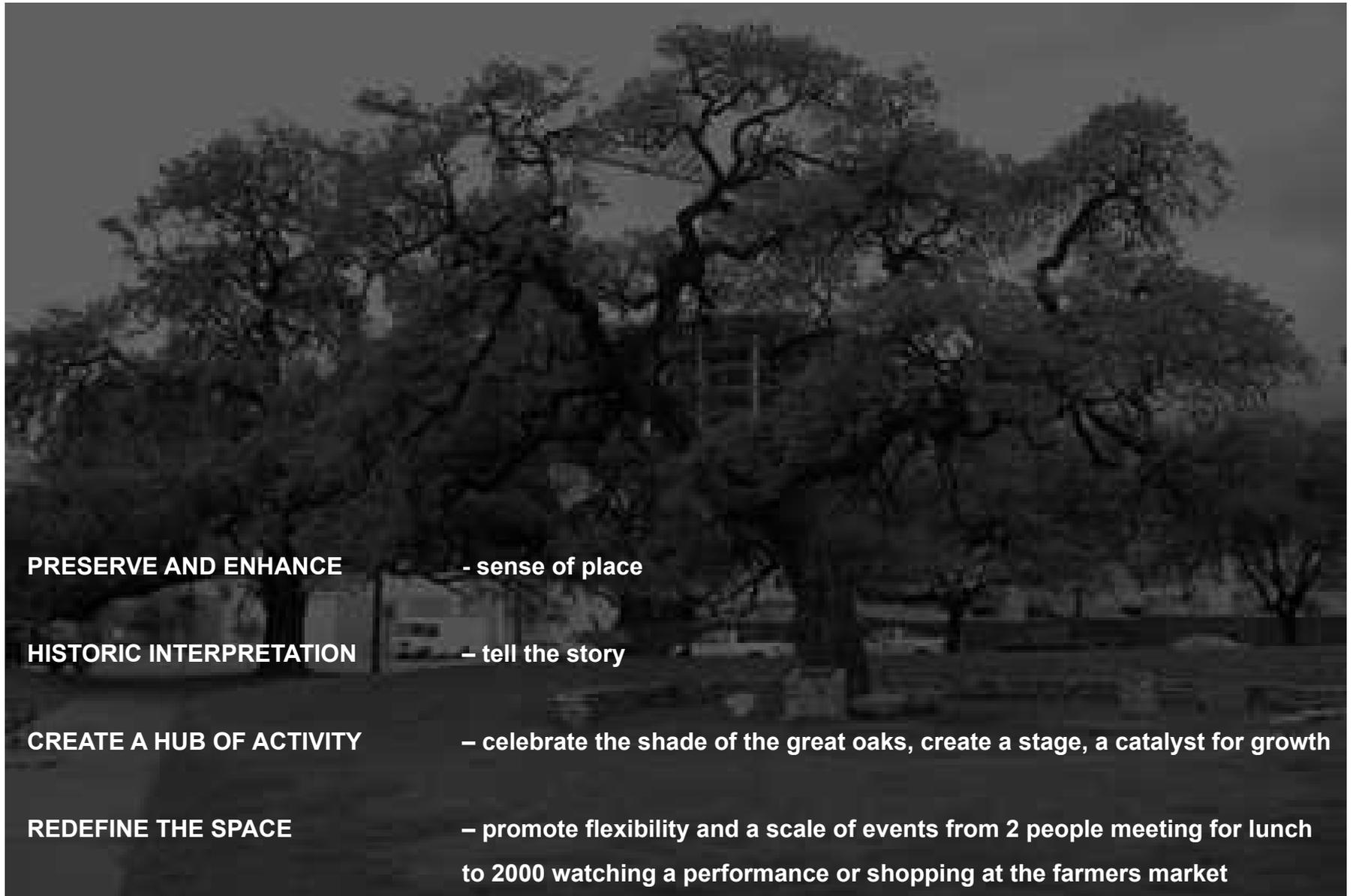
# REPUBLIC SQUARE

## Heritage Tree Best Practice Study

September 2012





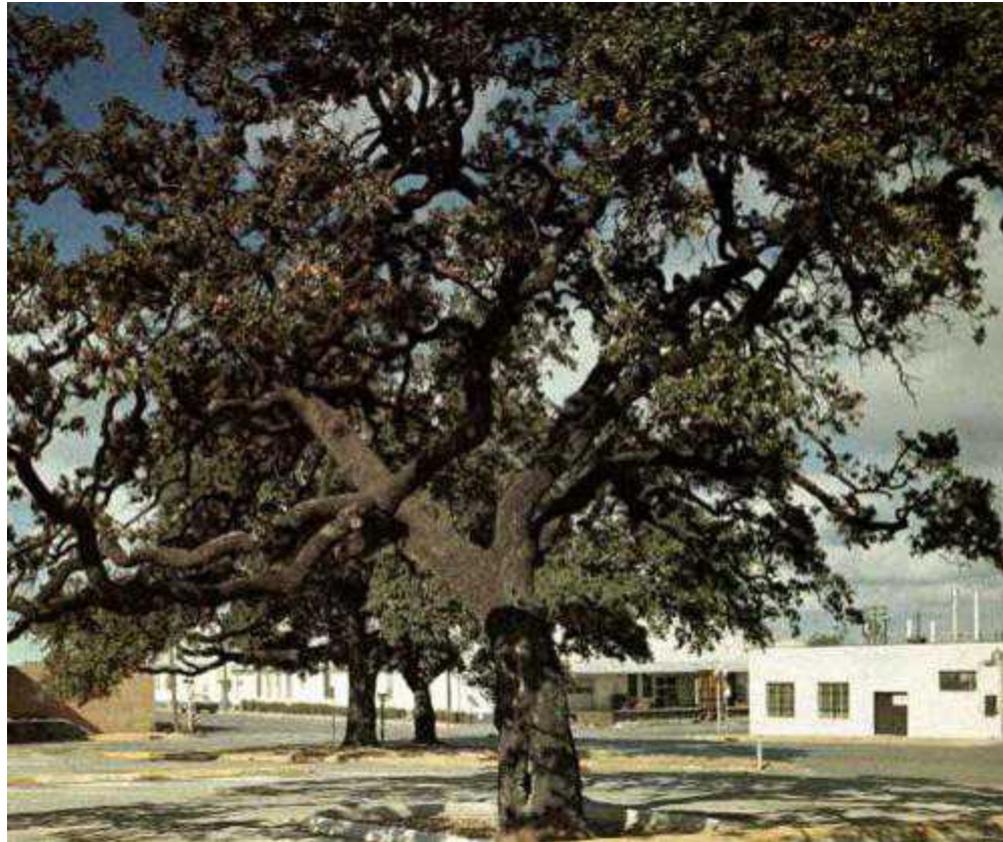


**PRESERVE AND ENHANCE** - sense of place

**HISTORIC INTERPRETATION** - tell the story

**CREATE A HUB OF ACTIVITY** - celebrate the shade of the great oaks, create a stage, a catalyst for growth

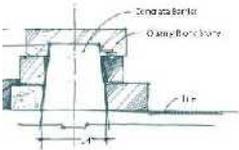
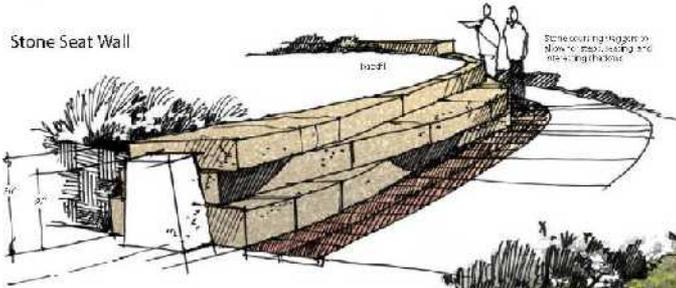
**REDEFINE THE SPACE** - promote flexibility and a scale of events from 2 people meeting for lunch to 2000 watching a performance or shopping at the farmers market







Stone Seat Wall



Wall Concept



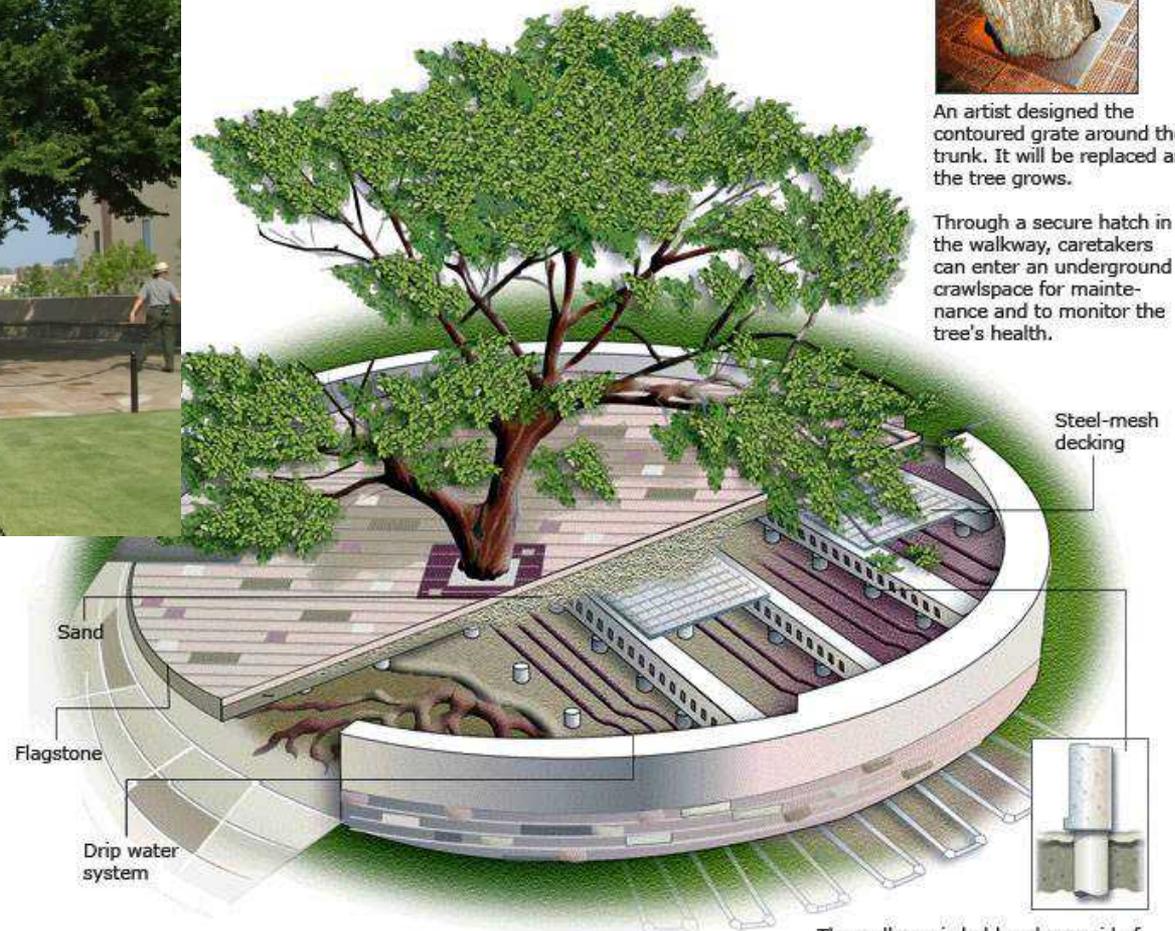
**OKLAHOMA CITY NATIONAL MEMORIAL SURVIVOR TREE**

Todd Pendleton, The Oklahoman



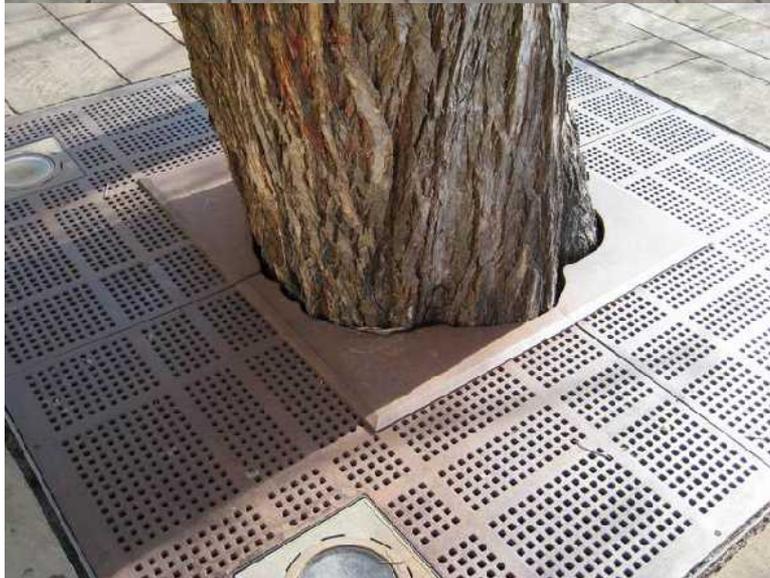
An artist designed the contoured grate around the trunk. It will be replaced as the tree grows.

Through a secure hatch in the walkway, caretakers can enter an underground crawlspace for maintenance and to monitor the tree's health.



The aeration and watering system is about 3 feet deep at the original grade and extends 15 feet from the wall.

The walkway is held up by a grid of about 85 piers, some as deep as 18 feet. Crews hand dug each hole to ensure no roots were cut. One row of planned piers had to be moved because it exactly followed a root.

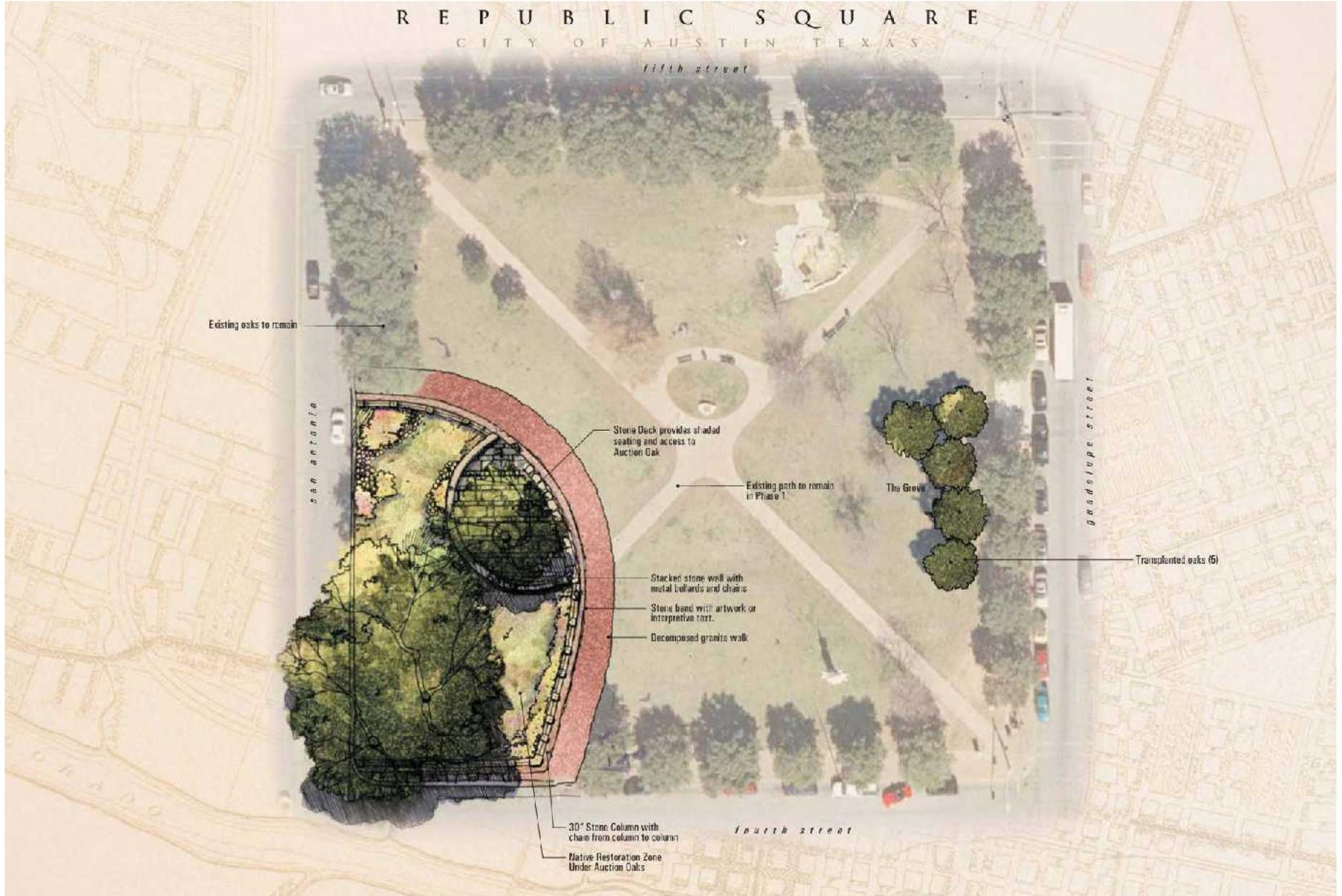




R E P U B L I C S Q U A R E

CITY OF AUSTIN TEXAS

*fifth street*



Existing oaks to remain

Stone Deck provides shaded seating and access to Auction Oak

Existing path to remain in Phase 1

The Grove

Transplanted oaks (6)

Stacked stone wall with metal bollards and chainis

Stone band with artwork or interpretive text.

Decomposed granite walk

30" Stone Column with chain from column to column

Native Restoration Zone Under Auction Oaks

*fourth street*

*san antonio*

*guadalupe street*









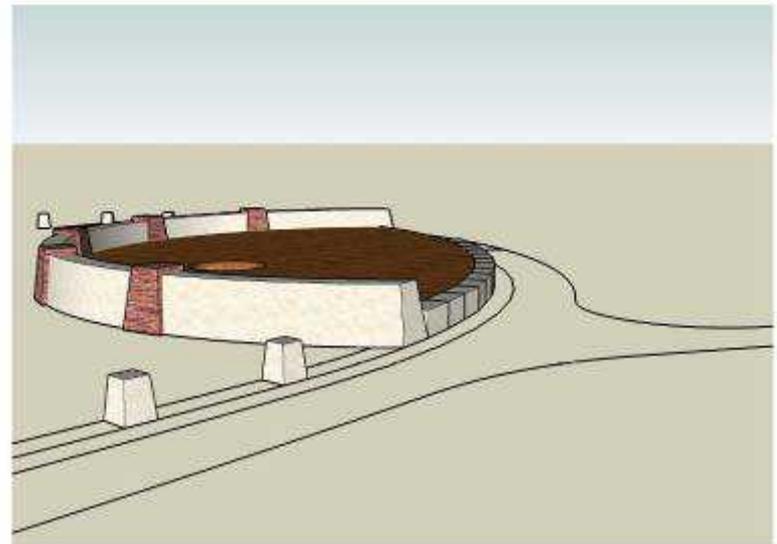
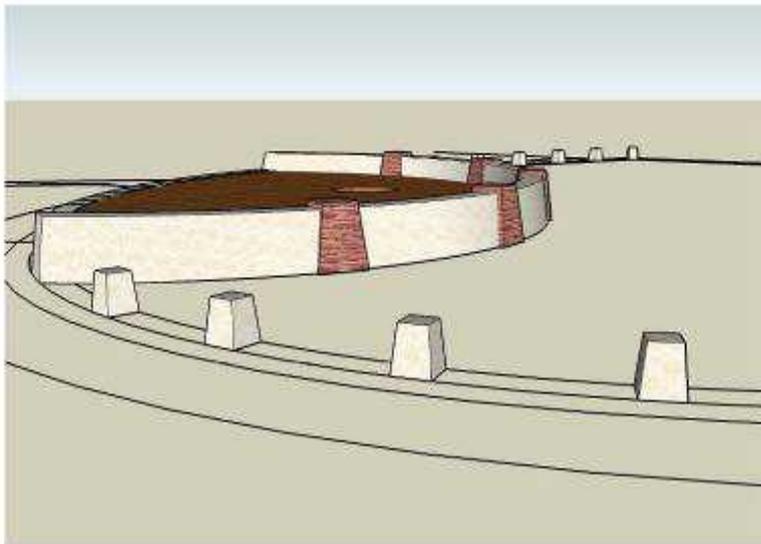
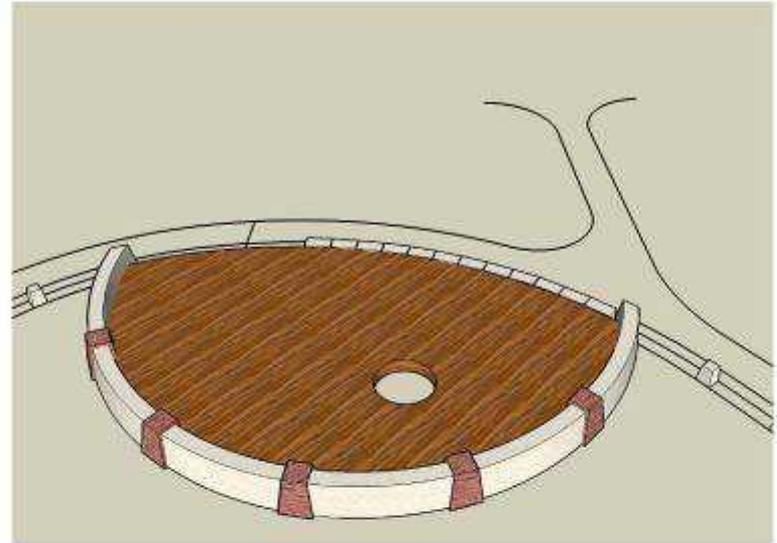
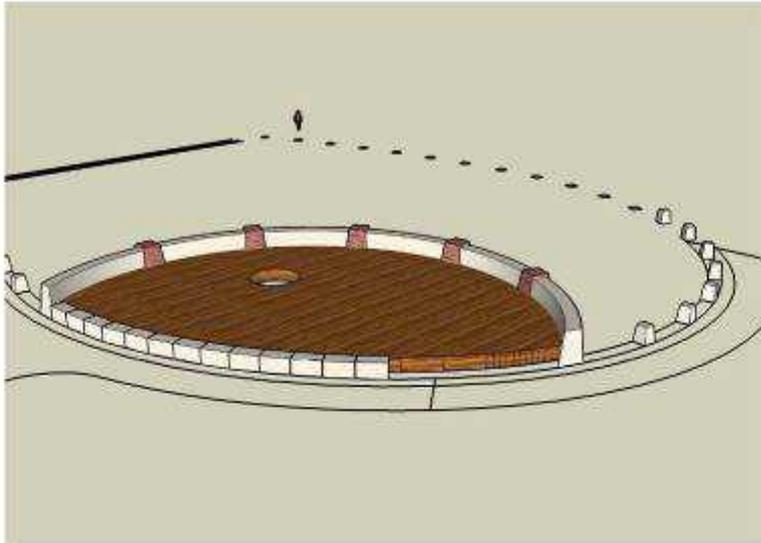
THE PARK – phase 1. Root mapping and demolition of the existing retaining wall







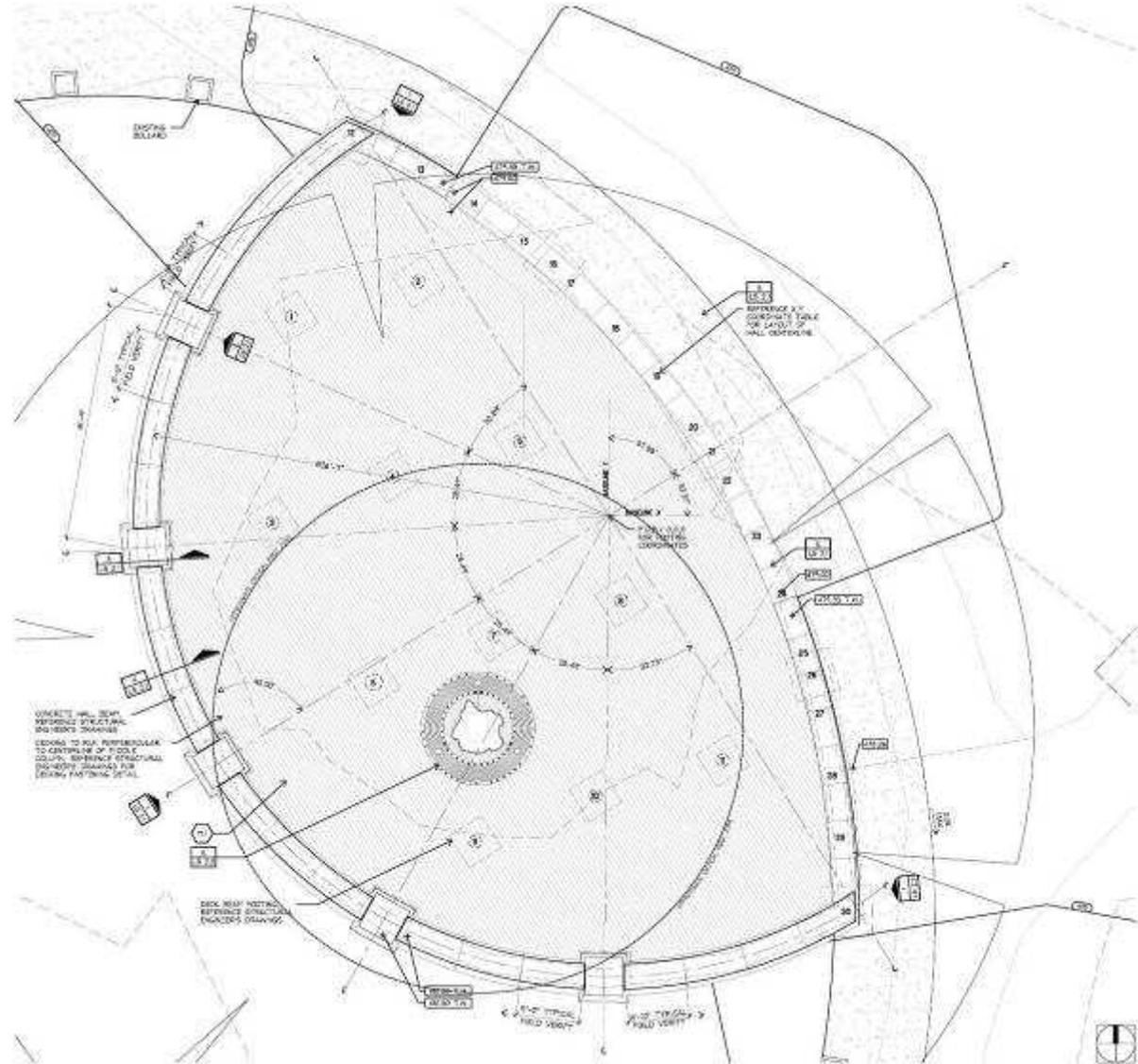




POINT	X (Easting)	Y (Northing)
1	1018400	1018400
2	1018400	1018400
3	1018400	1018400
4	1018400	1018400
5	1018400	1018400
6	1018400	1018400
7	1018400	1018400
8	1018400	1018400
9	1018400	1018400
10	1018400	1018400
11	1018400	1018400
12	1018400	1018400
13	1018400	1018400
14	1018400	1018400
15	1018400	1018400

POINT	X (Easting)	Y (Northing)
16	1018400	1018400
17	1018400	1018400
18	1018400	1018400
19	1018400	1018400
20	1018400	1018400
21	1018400	1018400
22	1018400	1018400
23	1018400	1018400
24	1018400	1018400
25	1018400	1018400
26	1018400	1018400
27	1018400	1018400
28	1018400	1018400
29	1018400	1018400
30	1018400	1018400

- NOTES:**
- CONTRACTOR TO FIELD VERIFY EXISTING DISCHARGED GRANITE WALL TO DETERMINE THE EXISTING DISCHARGED GRANITE WALL TO BE RECONSTRUCTED TO MEET PROPOSED LAYOUT AND GRADING OF DECK.
  - IF THE MATERIAL FROM ANY PORTION OF EXISTING DISCHARGED GRANITE WALL THAT IS REMOVED DURING CONSTRUCTION IS TO BE RECYCLED AND REUSED.
  - CONTRACTOR SHALL BE REQUIRED TO MOVE UP TO 5' OF THE EXISTING BOLLARDS TO WHICH PROPOSED LAYOUT. NO ADDITIONAL BOLLARDS OR DISCHARGED GRANITE BOLLARDS BE REQUIRED.
  - CONTRACTOR TO REMOVE (3) EXISTING BOLLARDS THAT CONFLICT WITH THE PROPOSED LAYOUT OF DISCHARGED GRANITE BOLLARDS TO BE RECYCLED TO LOCATION DETERMINED BY OWNER.
  - REMARKS: STRUCTURAL ENGINEER DRAWINGS FOR ALLOWABLE TOLERANCES ON GRANITE AND CONCRETE.
  - CONTRACTOR TO ONLY WORK WITHIN THE DRY LINE OF THE TRAILS AND EXISTING WALLS. NO BOLLARDS. AS SHOWN BY SETTABLE TRAIL MARKS. IS ACCEPTABLE FOR DEMONSTRATING WITHIN THE DRY LINE.
  - NOTED: ALL EXISTING BOLLARDS FROM EXISTING GRANITE TO TRAIL FROM EXISTING GRANITE SHALL BE SUBJECT TO A FINE OF \$10,000.











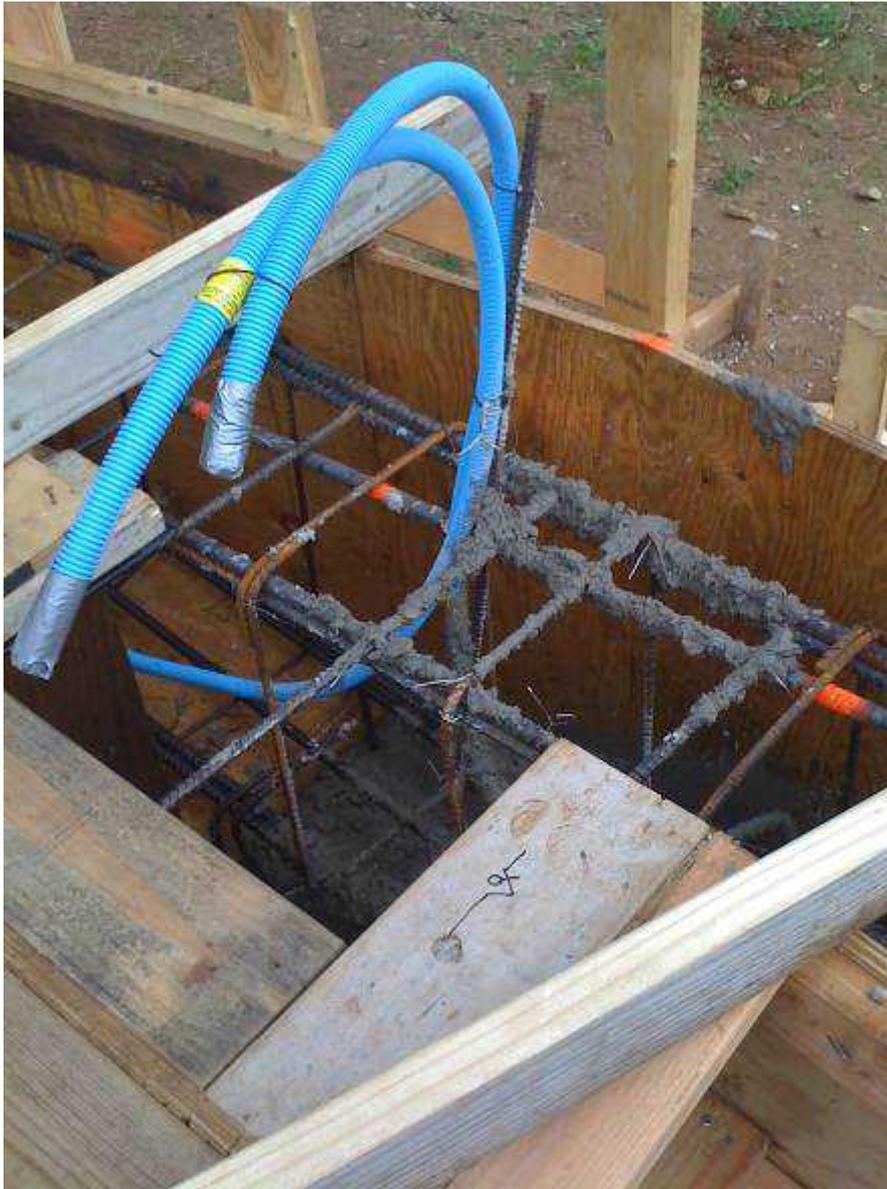


PHASE 1b. Setting steel reinforcing and forms around roots











PHASE 1b. Secondary Root RX treatment at the critical root zone













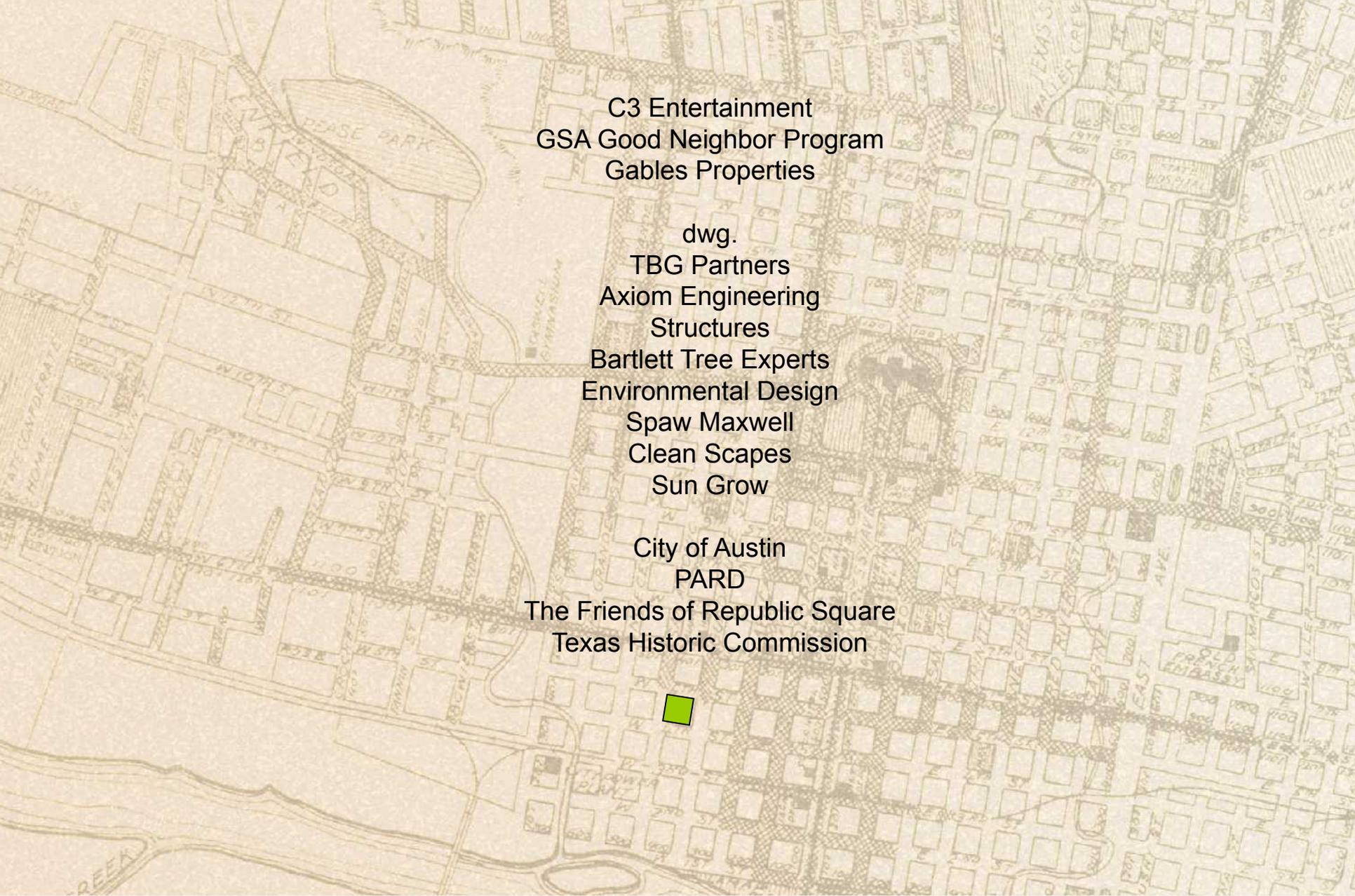












C3 Entertainment  
GSA Good Neighbor Program  
Gables Properties

dwg.  
TBG Partners  
Axiom Engineering  
Structures  
Bartlett Tree Experts  
Environmental Design  
Spaw Maxwell  
Clean Scapes  
Sun Grow

City of Austin  
PARC  
The Friends of Republic Square  
Texas Historic Commission

